

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052542

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H04N7/16 H04H1/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N H04H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EP0-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/009578 A (THOMSON LICENSING S.A; RAMASWAMY, KUMAR; KNUTSON, PAUL, GOTHARD; COOPE) 30 January 2003 (2003-01-30)	1-5, 7-11, 14-16, 18-20
Y	page 6  abstract	6,12,13, 17
X	EP 1 274 244 A (MITSUBISHI DENKI KABUSHIKI KAISHA) 8 January 2003 (2003-01-08)	1-5, 7-11, 14-16, 18-20
A	paragraph '0025! - paragraph '0026!  paragraph '0038! - paragraph '0041! paragraph '0049!  ----- -/--	6,12,13, 17

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

\*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*Z\* document member of the same patent family

Date of the actual completion of the International search

10 February 2005

Date of mailing of the International search report

24/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Bertrand, F

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/052542

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/174837 A1 (CANDELORE BRANT L ET AL) 18 September 2003 (2003-09-18) the whole document	1-20
Y	GB 2 378 363 A (* NEC CORPORATION) 5 February 2003 (2003-02-05)	12,13
A	the whole document	1
A	US 2002/065678 A1 (PELIOTIS STEVEN ET AL) 30 May 2002 (2002-05-30) the whole document	1,12,13
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14, 31 December 1998 (1998-12-31) & JP 10 243372 A (XING:KK; BROTHER IND LTD), 11 September 1998 (1998-09-11) abstract	1,12,13
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 03, 27 February 1998 (1998-02-27) & JP 09 289509 A (MATSUSHITA ELECTRIC IND CO LTD), 4 November 1997 (1997-11-04) abstract	1,6,14, 17
A	EP 1 255 407 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 6 November 2002 (2002-11-06) cited in the application the whole document	1-20
Y	EP 0 876 023 A (SONY CORPORATION) 4 November 1998 (1998-11-04)	6,17
A	the whole document	1,14

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03009578	A	30-01-2003	EP 1415463 A2 06-05-2004
			JP 2004536524 T 02-12-2004
			MX PA03011571 A 19-03-2004
			WO 03009578 A2 30-01-2003
			US 2005024543 A1 03-02-2005
EP 1274244	A	08-01-2003	JP 2002218427 A 02-08-2002
			EP 1274244 A1 08-01-2003
			CN 1418434 T 14-05-2003
			WO 02058392 A1 25-07-2002
			US 2003070172 A1 10-04-2003
US 2003174837	A1	18-09-2003	US 2003026423 A1 06-02-2003
			US 2003046686 A1 06-03-2003
			US 2003081776 A1 01-05-2003
			US 2003021412 A1 30-01-2003
			US 2002196939 A1 26-12-2002
			CA 2480964 A1 30-10-2003
			EP 1495575 A1 12-01-2005
			WO 03090401 A1 30-10-2003
			US 2005028193 A1 03-02-2005
			AU 2002360604 A1 30-07-2003
			CA 2405901 A1 26-04-2003
			CA 2413807 A1 02-07-2003
			CA 2413880 A1 02-07-2003
			CA 2413881 A1 02-07-2003
			CA 2413905 A1 02-07-2003
			CA 2413955 A1 02-07-2003
			CA 2413980 A1 02-07-2003
			CA 2437086 A1 09-03-2004
			EP 1464174 A1 06-10-2004
			WO 03061289 A1 24-07-2003
			US 2003123664 A1 03-07-2003
			US 2003133570 A1 17-07-2003
			US 2003159139 A1 21-08-2003
			US 2003152224 A1 14-08-2003
			US 2003152226 A1 14-08-2003
			US 2003156718 A1 21-08-2003
			US 2003145329 A1 31-07-2003
			US 2003159140 A1 21-08-2003
			US 2004073917 A1 15-04-2004
			AU 2002360605 A1 30-07-2003
			CA 2405902 A1 26-04-2003
			EP 1468561 A2 20-10-2004
			WO 03059039 A2 24-07-2003
			AU 2002357846 A1 30-07-2003
			CA 2405865 A1 26-04-2003
			EP 1486071 A2 15-12-2004
			WO 03061173 A2 24-07-2003
			AU 2002357213 A1 30-07-2003
			CA 2405899 A1 26-04-2003
			EP 1461952 A1 29-09-2004
			WO 03061288 A1 24-07-2003
			US 2004181666 A1 16-09-2004
			CA 2406329 A1 26-04-2003
			EP 1461950 A1 29-09-2004
			WO 03065724 A1 07-08-2003
			CA 2437014 A1 09-03-2004

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International Application No

PCT/IB2004/052542

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003174837 A1		CA 2437018 A1	09-03-2004
		CA 2437025 A1	09-03-2004
		WO 2004023717 A2	18-03-2004
		WO 2004036892 A2	29-04-2004
GB 2378363 A	05-02-2003	JP 2002325068 A	08-11-2002
		CN 1383324 A	04-12-2002
		US 2003108068 A1	12-06-2003
US 2002065678 A1	30-05-2002	AU 9501301 A	04-03-2002
		CA 2420371 A1	28-02-2002
		EP 1312215 A2	21-05-2003
		WO 0217634 A2	28-02-2002
		AU 8845301 A	04-03-2002
		EP 1312209 A2	21-05-2003
		JP 2004509490 T	25-03-2004
		WO 0217627 A2	28-02-2002
		US 2002131511 A1	19-09-2002
		US 2002059588 A1	16-05-2002
JP 10243372 A	11-09-1998	NONE	
JP 09289509 A	04-11-1997	NONE	
EP 1255407 A	06-11-2002	JP 2002330420 A	15-11-2002
		CN 1384622 A	11-12-2002
		EP 1255407 A2	06-11-2002
		US 2002184567 A1	05-12-2002
EP 0876023 A	04-11-1998	EP 0876023 A1	04-11-1998
		JP 11017737 A	22-01-1999
		US 6404739 B1	11-06-2002